

Datasheet for ABIN7320543
CD74 Protein (His tag,mFc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	CD74
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD74 protein is labelled with His tag,mFc Tag.

Product Details

Purpose:	Recombinant Mouse CD74 Protein (mFc & His Tag)
Sequence:	Gln56-Leu215
Characteristics:	Recombinant Mouse HLA class II histocompatibility antigen gamma chain is produced by our Mammalian expression system and the target gene encoding Gln56-Leu215 is expressed with a mFc, 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD74
Alternative Name:	CD74 (CD74 Products)
Background:	Background: Mouse HLA class II histocompatibility antigen gamma chain (CD74), is a single-pass type II membrane protein that in humans is encoded by the CD74 gene. It contains 1

Target Details

thyroglobulin type-1 domain. CD74 Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place.

Synonym: Cluster of Differentiation 74,CD74 antigen, CD74 Molecule, major histocompatibility complex, class II invariant chain, DHLAG gamma chain of class II antigens, HLA class II histocompatibility antigen gamma chain, HLADG, HLA-DR antigens-associated invariant chain, HLA-DR-gamma, Ia antigen-associated invariant chain, Ia-associated invariant chain, Ia-GAMMA, MHC HLA-DR gamma chain, CD74, DHLAG, HLADG, Ia-gamma, INVG34,

Molecular Weight:	44.5 kDa
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Pathways:	Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Negative Regulation of intrinsic apoptotic Signaling , Cancer Immune Checkpoints
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Application Details

Restrictions:	For Research Use only
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Handling

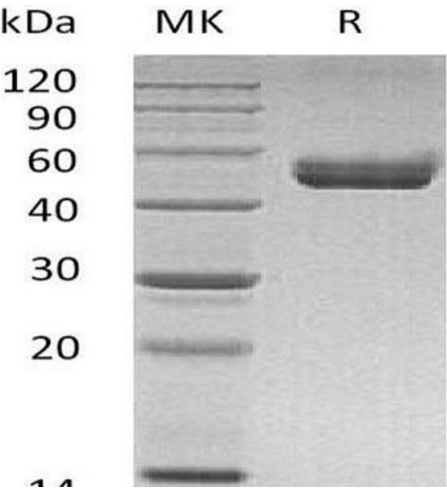
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.